Amendments to the Drawings

A Replacement Sheet for Figure 7 has been submitted to overcome the drawing objection.

REMARKS

Claims 1, 2, 5-13, 16-19, 21, and 22 are pending. Claims 1, 17, and 19 have been amended and claims 3, 4, 14, and 15 have been canceled. In addition, the specification has been amended and a Replacement Sheet for Figure 7 has been submitted to overcome the objections. No new matter has been added by these amendments. Rather, these changes have been made to clarify the features which were indicated to be unclear in the Final Office Action.

At the outset, Applicants would like to thank the Examiner for graciously extending Applicants' representative an interview to discuss the rejections and objections in the Final Office Action. During the interview, the manner in which the mobile terminal and internet host communicate with the GGSN was discussed. Revisions to Figure 7 were also proposed to clarify these features and the signal paths shown therein. A detailed discussion of these issues is presented below. Also, amendments to claims 1 and 19 were proposed for overcoming the art-based rejections. These amendments are also discussed below for the Examiner's consideration.

I.   The Drawing and Specification Objections

The Examiner maintained the objection to the drawings on grounds that the connections between terminal 30 and the GGSN and between the internet host and GGSN are unclear. The specification and Figure 7 have been revised to clarify these connections. In so doing, references to paths 'a' and 'b' and paths 1 (circle) and 2 (circle) have been deleted.

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As explained in the specification, there are at least two ways in which the filtering information stored in the database of the GGSN may be set or changed. The first way involves the transmission of information from the mobile terminal 30 to GGSN 300. The second way involves the transmission of information from an internet host 720 to the GGSN.

In the first method, a control message is transmitted from mobile terminal 30 to the GGSN 300 along a signal path that passes through the base station, the base station controller, the SGSN, and the GPRS network. The GPRS network then transmits the control message to the GGSN to access or change the packet terminating call filtering information stored in the GGSN. (A marked-up copy of Figure 7 shows this signal path in green ink).

In the second method, a subscriber of mobile terminal 30 uses internet host 720 (e.g., a personal computer) to connect to agent 710 through Internet 20. The agent then establishes a connection to GGSN 300 through the dotted arrow connection. Access and/or changes to the packet terminating call filtering information stored in the GGSN can be made based on information transmitted along this signal path. (The marked-up copy of Figure 7 shows this signal path in yellow ink). This second method therefore does not use the mobile terminal in any way to change or otherwise set the attributes of the filter.

The specification has been revised to make these features more apparent.

As discussed during the interview, the objections to the specification and drawings resulted from a poor translation of the priority document. An English translation of a certified copy of the priority document is submitted with this paper in order to show support for the changes made herein.

Applicants request withdrawal of the objections to the drawings and specification in view of the foregoing amendments and remarks.

II.   The § 112, First Paragraph, Rejection

The features which formed the basis of the § 112 rejection have been removed from the independent claims. Withdrawal of the § 112 rejection is therefore respectfully requested.

III.   The Rejection under 35 USC § 103(a)

Claims 1, 2, 5-19, 21, and 22 were rejected for being obvious in view of an Uskela-Puuskari combination. Applicants request the Examiner to withdraw this rejection for the following reasons.

Claim 1 has been amended to recite that the database storing the call filtering information is "located within or coupled to a gateway general radio service (GPRS) support node (GGSN)." In addition, claim 1 recites the additional steps of:

a)   transmitting control information from an internet host to an agent along a first signal path;

b)   transmitting the control information from the agent to the GGSN along a second data path; and

c)   changing or setting at least one of the packet-pattern attributes of the packet call filtering information in the database based on the control information received by the GGSN, wherein the control information is set by the subscriber of the mobile terminal without using the

mobile terminal." (These features are supported, for example, by Paragraphs [70]-[74] of the specification along with revised Figure 7 as amended herein, which amendments are supported by the English translation of the priority document submitted with this paper).

The Uskela patent does not teach or suggest these features a)-c) noted above, i.e., Uskela discloses a GGSN equipped with rejection and permission filters for controlling the connection of a call between mobile terminals. However, Uskela does not teach or suggest the transmitting and changing/setting steps added by amendment to claim 1.

The Puuskari publication also discloses a GGSN which uses a filter for controlling a call in a mobile communication system. The filter parameters may be set by a subscriber. However, the only way Puuskari sets these parameters is based on information transmitted by a subscriber mobile terminal. (See Paragraph [7] of the Puuskari publication which discloses that the filter parameters are configurable from a user terminal, and also Figure 8 which shows that the filter parameters may be created or changed based on information transmitted from the MS to the GGSN through an SGSN).

The Puuskari publication does not teach or suggest the features added by amendment to claim 1, including (a) transmitting control information from an internet host to an agent along a first signal path, (b) transmitting the control information from the agent to the GGSN along a second data path, and (c) changing or setting at least one of the packet-pattern attributes of the packet call filtering information in the database based on the control information received by the GGSN, wherein the control information is set by the subscriber of the mobile terminal without using the mobile terminal.
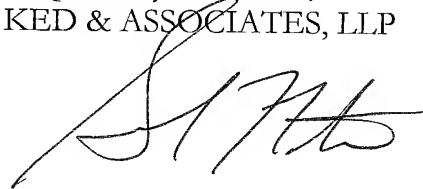
Applicants submit that claim 1 is allowable over an Uskela-Puuskari combination based on these differences. Furtherance of claim 1 and its dependent claims to allowance is respectfully requested.

Claim 19 has been amended to recite features similar to those which patentably distinguish claim 1 from the cited combination. Furtherance of claim 19 and its dependent claims is therefore respectfully requested.

In view of the foregoing amendments and remarks, it is respectfully submitted that this application is in condition for allowance. Favorable consideration and timely allowance of the application is respectfully requested.

To the extent necessary, a petition for an extension of time under 37 CFR § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186

Samuel W. Ntiros
Registration No. 39,318

P.O. Box 221200
Chantilly, Virginia 20153-1200
703 766-3777 DYK/SWN/krf
Date: January 30, 2009
Please direct all correspondence to Customer Number 34610
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